CLAIMS

What is claimed is:

- 1. A method of determining a similarity of a first string and a second string comprising:
- calculating a Levenshtein matrix of said first string and said second string determining a Levenshtein distance from said Levenshtein matrix; and determining a largest common substring from said Levenshtein matrix.
- The method according to Claim 1, wherein determining a largest common substring
 from said Levenshtein distance matrix comprises determining a longest diagonal of equal hamming distances of a lowest value.
 - 3. The method according to Claim 1, further comprising calculating a Levenshtein score.

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- 4. The method according to Claim 1, further comprising determining the length of the largest common substring.
- 5. The method according to Claim 4, further comprising calculating a largest commonsubstring score.

6. A method of determining a similarity of a first string and a second string comprising:

calculating a Levenshtein matrix of said first string and said second string;

determining a Levenshtein distance from said Levenshtein matrix;

determining a largest common substring from said Levenshtein distance matrix;

calculating a Levenshtein score as a function of said Levenshtein distance; and

calculating a largest common substring score as a function of said largest common substring.

- 7. The method according to Claim 6, further comprising calculating an acronym score.
 - 8. The method according to Claim 7, further comprising calculating a weighted acronym score comprising a product of said acronym score and an acronym weight factor.
- 9. The method according to Claim 6, further comprising: calculating a weighted Levenshtein score comprising a product of said Levenshtein score and a Levenshtein weight factor;

calculating a weighted largest common substring score comprising a product of said largest common substring score and a largest common substring weight factor; and

calculating a Levenshtein/largest common substring score comprising a sum of said weighted Levenshtein score and said weighted largest common substring score.

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- 10. The method according to Claim 9, wherein a sum of said Levenshtein weight factor and said largest common substring weight factor is equal to one.
- 11. The method according to Claim 9, further comprising calculating a first weighted
 numerical score comprising a product of said Levenstein/largest common substring score and a string weight factor.
 - 12. The method according to Claim 11, further comprising: calculating an acronym score;
- calculating a weighted acronym score comprising a product of said acronym score and an acronym weight factor; and

calculating a second weighted numerical score comprising a sum of said first weighted numerical score and said weighted acronym score.

- 13. The method according to Claim 12, wherein a sum of said string weight factor and said acronym weight factor is equal to one.
 - 14. A computer-readable medium containing one or more sequences of instructions which when executed by a computing device cause the computing device to implement a method for determining a similarity of a first string and a second string comprising: calculating a Levenshtein score of said first string and said second string;

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calculating a largest common substring score of said first string and said second string;

calculating a first numerical score as a function of said Levenshtein score and said largest common substring score.

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15. The computer-readable medium according to Claim 14, wherein calculating said Levenshtein score comprises:

calculating a Levenshtein matrix of said first string and said second string;

determining a Levenshtein distance from said Levenshtein matrix; and

subtracting the resultant of dividing said Levenshtein distance by an average of a

length of said first string and a length of said second string from one.

- 16. The computer-readable medium according to Claim 14, wherein calculating said largest common substring score comprises:
- determining a length of a largest common substring from said Levenshtein matrix; and dividing said length of said largest common substring by an average of a length of said first string and a length of said second string.
- 17. The computer-readable medium according to Claim 14, wherein calculating said
 20 first numerical score comprises:

calculating a weighted Levenshtein score comprising a product of said Levenshtein score and a Levenshtein weight factor;

calculating a weighted largest common substring score comprising a product of said largest common substring score and a largest common substring weight factor; and summing said weighted Levenshtein score and said weighted largest common substring score.

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18. The computer-readable medium according to Claim 14, further comprising: calculating an acronym score; and

calculating a second numerical score as a function of said first numerical score and said acronym score.

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19. The computer-readable medium according to Claim 18, wherein calculating said second numerical score comprises:

calculating a weighted Levenshtein score comprising a product of said Levenshtein score and a Levenshtein weight factor;

calculating a weighted largest common substring score comprising a product of said largest common substring score and a largest common substring weight factor;

calculating a Levenshtein/largest common substring score comprising a sum of said weighted Levenshtein score and said weighted largest common substring score;

calculating a weighted Levenshtein/largest common substring score comprising a product of said Levenshtein/largest common substring score and a Levenshtein/largest common substring weight factor;

calculating a weighted acronym score comprising a product of said acronym score and an acronym score weight factor; and

summing said weighted Levenshtein/largest common substring score and said weighted acronym score.

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20. The computer-readable medium according to Claim 19, further comprising: utilizing said first numerical score for determining said similarity, when said first string and said second string comprise numerical-type strings; and

utilizing said second numerical score for determining said similarity, when said first

string or said second string comprise character-type strings.